

Anti-NDUFS6 Antibody

Rabbit polyclonal antibody to NDUFS6 Catalog # AP61220

Specification

Anti-NDUFS6 Antibody - Product Information

Application WB
Primary Accession Other Accession P52503

Reactivity Human, Mouse, Rat, Monkey, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 13712

Anti-NDUFS6 Antibody - Additional Information

Gene ID 4726

Other Names

NADH dehydrogenase [ubiquinone] iron-sulfur protein 6 mitochondrial; Complex I-13kD-A; CI-13kD-A; NADH-ubiquinone oxidoreductase 13 kDa-A subunit

Target/Specificity

Recognizes endogenous levels of NDUFS6 protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-NDUFS6 Antibody - Protein Information

Name NDUFS6

Function

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

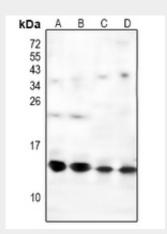


Anti-NDUFS6 Antibody - Protocols

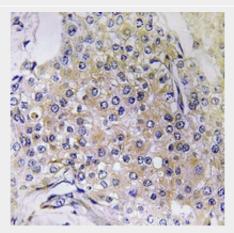
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-NDUFS6 Antibody - Images



Western blot analysis of NDUFS6 expression in U87MG (A), Panc1 (B), rat brain (C), mouse brain (D) whole cell lysates.



Immunohistochemical analysis of NDUFS6 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-NDUFS6 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human





NDUFS6. The exact sequence is proprietary.